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U.S. PATENT AND TRADEMARK OFFICE

JC542 U.S. PTO
09/631238
08/02/00

August 1, 2000

VIA EXPRESS MAIL

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Re: U.S. Patent Application for System For Constructing
And Displaying Active Virtual Reality Cyber Malls,
Show Rooms, Galleries, Stores, Museums and
Objects Within

Dear Sir:

Enclosed please find the following items:

1. a copy of the above-identified patent application;
2. an executed Declaration and Power of Attorney;
3. an executed Small Entity Statement;
4. a check in the amount of \$345.00 to cover the filing fee; and
5. a stamped, self-addressed postcard.

Kindly stamp and return the postcard to the undersigned upon receipt in the Patent Office of the foregoing items.

Respectfully submitted,

Jean-Marc Zimmerman

Jean-Marc Zimmerman

JMZ/id
enclosures
cc: Dr. Catherine Lin-Hendel, P.h.D

002030-000000

Attorney's Docket No.

Applicant or Patentee: Dr. Catherine Lin-Hendel, Ph. D.

Serial or Patent No.:

Fixed or Issued:

For: System and Method for Constructing and Displaying
Active Virtual Reality Cyber Malls, Show Rooms,
Galleries, Stores, Museums, and Objects Within

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) AND 1.27(c))- SMALL BUSINESS CONCERN

I hereby declare that I am

The owner of the small business concern identified below:

an official of the small business concern empowered to act
on behalf of the concern identified below:

NAME OF CONCERN:

Dr. Catherine Lin-Hendel, Ph. D.

ADDRESS OF CONCERN:

18850 Blythswood Drive

Los Gatos, California 95030

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18 and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both. I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled System and Method for Constructing and Displaying Active Virtual Reality Cyber Malls, Show Rooms, Galleries, Stores, Museums, and Objects Within by inventor(s) Dr. Catherine Lin-Hendel, Ph. D. described in the:

the specification filed herewith

Application Serial No. filed on

Patent No. issued on

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below and no rights to the invention are held by any person, other than the

person made this invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9(e).

Name:

Address:

Individual

Small Business Concern

Nonprofit Organization

I acknowledge the duty to file in his application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fees due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing:

Title of Person Other Than Owner:

Address of Person Signing:

Dr. Catherine Lin-Hendel, Ph. D.

18850 Blythswood Drive
Los Gatos, California 95030

Signature:

Catherine Lin-Hendel

Date:

CGH
7/27/2000

SYSTEM AND METHOD FOR CONSTRUCTING AND DISPLAYING ACTIVE
VIRTUAL REALITY CYBER MALLS, SHOW ROOMS, GALLERIES, STORES,
MUSEUMS, AND OBJECTS WITHIN

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PRIORITY NOTICE

This Non-Provisional U.S. Patent Application claims the benefit of the
August 6, 1999 filing date of Provisional U.S. Patent Application Serial Number
60/147,716.

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15

The present invention is related to constructing panoramic, virtual-reality
Cyber/Electronic (Cyber) show-rooms, galleries, stores, or malls (show-rooms)
in electronic media, displaying such cyber shown-rooms on-line on remote
terminals or client/user computers, allowing the viewers at the computer
terminals or client/user-computers to select objects displayed in the cyber
virtual-reality show-rooms on-line, and retrieve and review remote data related
to the selected objects.

Description of Related Art

In the brick-and-mortar world, showrooms, galleries, and stores are used to display furnishing, interior accessories, fashion, art, antiques, or other objects. Shopping centers, malls, and main streets are constructed to aggregate a large number of stores. The on-line equivalent of such commerce components are constructed with database containing information for such objects or stores sorted with nesting categories. The objects in conventional cyber stores, galleries, and show rooms are represented on the client/user computer screens as index lists of textual or thumbnail entries. The stores in a conventional cyber-mall are represented by a collection of "banner" entries (see Figures 1A through 1F). Thumbnails are small graphical representation of an object, serving as an index and a link to detailed information regarding the object. Banner is a small graphical box-like icon with the logo and name of a business entity on the Web. Clicking on a thumbnail usually brings an enlarged photograph and/or descriptions of the object from the server database to the client/user's computer screen. Clicking on a "banner" brings the user to the home page of the business entity the banner represents.

A typical on-line gallery or store, for example, would show category titles of the gallery collections or store items, with some textual entries or graphical thumbnails of selected "featured" exhibits or items. When a particular "last stop" category on a particular categorical path is clicked, the items or objects sorted under that category are presented in an index list of textual one-line

entries or thumbnail entries. The index list could be very long, and partitioned into many web pages (each may be several print pages long), accessible one-web page-at-a-time. Clicking on a textual or thumbnail entry or brings detailed textual description and an enlarged version of the thumbnail, if available, again, only one-at-a-time (see Figure 1).

Virtual Reality software, such as Apple Computing Quick Time, or Macromedia Flash, on the other hand, has been developed to show scrolling panoramic views of a room or a scene, or to rotate a three-dimensional object to show its 360-degree views. The Virtual Reality source data is typically prepared by shooting multiple still photographs of a room, a scene, or an object from sequentially varying angles, and re-compose the still photographs in the correct spatial-time sequence to form a contiguous panoramic view. Video filming can also be used. Viewing the Virtual Reality image at the viewer's computer screen is controlled by the "mouse," a computer input device (See Figure 2), and the control buttons on the VR "viewing window" on the computer screen. The panoramic view of a scene is scrolled across the viewing window. The still shots from sequentially varying angles of a 3-D object is "flashed" onto the VR viewing window, producing an illusion of the object rotating in the window, given a large enough number of still shots, and fast enough speed of spatial-time re-composition or "flashing."

Virtual Reality has not been used in actionable on-line or electronic commerce environment, except for viewing purposes only, such as displaying a

property or a house on-line on Real-Estate listing sites as in Figures 2A, 2B, and 2C; or, rotating a 3-D object, such as a car on car sites; or, for other purely entertainment purposes, such as displaying the content of a museum. In all cases, the Virtual Reality graphical data packet is treated as a single data entity with a single "packet address," accessed by clicking a VR or 3D button, and viewed by controlling the temporal scanning or rotation using the control buttons on the computer screen in conjunction with the button on the input device, the mouse. From within the Virtual Reality data packet, there is no link to the external world outside the data packet. Therefore, there is no practical application other than its visual and entertainment value. One cannot do anything with the Virtual Reality presentation of the known-art, other than looking at it and enjoying it.

SUMMARY OF THE INVENTION

The present invention relates to methods and apparatus to construct and display electronic/cyber/on-line showrooms, galleries, stores and malls to emulate the physical brick and mortar world, in addition to the conventional category and index listing e-commerce construct of the Web. Virtual Reality (VR) shots and/or Video films are made to visually present a show room, gallery, store, or object with more resemblance to the physical world we live. Each still picture of the VR shots or each frame of the video film is given a

unique frame address. Each significant and unique object in the VR data packet is given a unique identification, indexed and addressed by the area the object occupies in a picture or a frame. Links are associated with each such object, such that detailed information (such as graphical, video, audio, or textual descriptions) related to the objects stored external to the VR data packet, can be retrieved from the database on demand, when the objects in the VR images are "selected"/"clicked."

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1: Known-Art on-line mall, stores, galleries, and showrooms.

FIG. 1A: The AOL Mall, a collection of department stores represented by banners. Other types of stores are sorted under categories, and accessed through the category listing at the bottom of the page.

FIG. 1B: AOL Apparel Stores listing.

FIGS. 1C1& 1C2: The dEliAs.Com store listed under the AOL Apparel Stores.

FIGS. 1D1 &1D2: The Artnet.Com Galleries.

FIGS. 1E1 through 1E5: The Ebay home page (1E1), the Ebay Galleries(1E2 through 1E4), and the first print page of the first web-page of a 36 web-page Ebay Furniture listing (1E5).

FIG. 1F: The Design Toscano Cyber Show Room.

FIG. 2: Known-Art Virtual Reality: Virtual touring of a home displayed on the www.bamboo.com web site. There is no other function beyond the visual tour: scrolling the panoramic image to the left, to the right, and look at it.

FIG. 2A: Clicking on the "Exterior Front" selection on the menu at the left side, initiates the downloading of the "panoramic image of the exterior front view of the house from the server database, as noted under the "Bamboo.com/Virtual Tour" logo at the center of the page.

FIG. 2B: When the downloading of the panoramic image is complete, the exterior scene of the home scrolls across the "VR window" on the computer screen. The buttons on the lower left corner of the VR window are control buttons activated by the computer mouse. By moving the cursor to the "left" arrow, and pressing down on the left mouse button, the image scrolls to the left, bringing the portion of the panoramic image beyond the right margin of the window into view. Pressing on the left button of the mouse while the cursor is resting at the "right" arrow, scrolls the image to the right. The "square" button stops the scrolling, and the "b" button is for clicking "back" to the previous page, which is the home page.

FIG. 2C: Clicking on the "Master Bedroom" selection on the menu at the left side of the page, causes the "panoramic" image of the master bedroom, to download from the site-server to the client/user's computer screen. The scrolling and stopping functions are identical to those in FIG. 2B.

FIG. 3: An implementation example of the present invention.

FIG. 3A: The central scene and the primary object of a Virtual Reality presentation of a museum hall. The small buttons at the lower left corner scrolls the panoramic scene of the Hall to the left, right, up, down, and zoom-in, and pan-out.

5 FIG. 3B. The nine Virtual Reality frames around the central object in the hall, scanning from the left of the object through the object, to the right of the object, each assigned its unique frame identity in the present invention.

FIG. 3C. A rectangular area closely surrounding the object is cut, and marked out and identified separately from the rest of the picture/frame. This is
10 done for Frame B through Frame H in FIG. 3B, where a viewer is likely to want to "click" the object for more information. The rectangular area in all 7 Frames are assigned the same identity representing the object, and the same links to the memory space external to the Virtual Reality data packet, and containing the detailed information related to the object. Clicking within the rectangular area in
15 all 7 frames results in linking to the same data set.

FIG. 3D. An example of data stored in memory space external to the Virtual Reality data packet, linked to the object image from within the Virtual Reality data packet. Audio read out of stories or descriptions of the object can be linked and presented on demand with the textual, graphical, video, or VR data.
20 The enlarged still image in this implementation example is further linked to another Virtual Reality data packet that presents the object in 360-degree rotation.

FIG. 3E. Clicking the "Virtual Reality" button in FIG. 3D, brings the "rotating" Virtual Reality data packet of the object to the client/user's computer, with the control buttons at the lower left corner.

FIG. 3F. The 12 of the standard 36 frames shot from equally spaced angles 360-degrees around the object. A larger number shots would permit a smoother and slower rotation. When the number of shots and the speed of rotation, i.e., "flashing-in" the images (into the VR viewing window) are compatible, illusion is that the object rotates on screen.

DETAILED DESCRIPTION OF THE EMBODIMENT OF THE INVENTION

The present invention relates to methods and apparatus to construct and display electronic/cyber/on-line showrooms, galleries, stores and malls to emulate the physical showrooms, galleries, stores, and malls. Virtual Reality (VR) shots with audio segments, and/or Video films are made to visually, audibly, and contiguously present a show room, gallery, store, or object. Each still picture of the VR shots or each frame of the video film is given a unique frame address within the VR packet address. Thus, each picture or each frame is identifiable via the address of the packet and the address of the frame. Each significant and unique object in the VR data packet, is given an unique identification, indexed by the area the unique object occupies in the frames or pictures containing the object. Links are assigned to that unique object, which may appear in multiple frames, such that detailed information (such as

graphical, VR, video, audio, or textual descriptions) related to the object addressed by the links, can be retrieved from the database external to the VR data packet, on demand, such as when the object in the proximity frames is "clicked," from any of the proximity frames.

5 Clicking on a particular object in a frame, or in any of the proximity frames in a VR presentation of a show room, gallery, or store, would select the link/links associated with the particular object clicked, and store the links in a file on the client/user computer. Multiple objects can be "clicked," — i.e., selected, within a VR presentation. When the viewing and the selection process is
10 completed, and the collection of "clicked" links is submitted to the server, by clicking a "submit" button, all data, whether video, audio, VR, graphics, or textual, addressed by the links submitted are brought from the server database to the client/user/user computer with reference to each selected object. In FIG. 3, an example implementation of the present invention is shown. FIG. 3A shows
15 the central scene about an unique object, Venus of Milo of a Virtual Reality presentation of a museum hall. The small buttons at the lower left corner scrolls the panoramic scene of the Hall to the left, right, up, down, and zoom-in and pan-out. A selected set of nine frames around the "unique object" in this example, are shown in FIG. 3B. The limit of the conventional Virtual Reality of
20 the known-art is here. There is no interaction or linking mechanism from inside the Virtual Reality images, such as these frames, to data outside of the VR packet.

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In our implementation, each frame in the Virtual Reality data packet is given an identification. A unique object that appears in multiple proximity frames would be "cut out" from the rest of each frame, or the scene, and given a unique identification, and assigned a link, or a collection of links, to link to external data storage space that stores data associated with the object. The unique object appearing on several proximity frames, such as from FIG. 3B - Frame B through Frame H, would be identified as one object, and given the same set of links.

A rectangular area closely surrounding the object in all of the proximity frames is cut as shown in FIG. 3C, and marked out and separated from the rest of the frame in order to be assigned a separate and unique identity to the object. This is done for Frame B through Frame H in FIG. 3B. The rectangular area in all 7 Frames are assigned the same identity representing the object, and the same links to the memory space external to the Virtual Reality Frames, containing the detailed information related to the object. Clicking within the rectangular area in all 7 frames results in linking to the same set of data.

FIG. 3D shows an example of data that can be stored in memory space external to the Virtual Reality data-packet, and linked to the object image within the Virtual Reality data packet. Audio read out of stories and descriptions of the an enlarged still image, textual descriptions and actionable "buy" or "bid" functional frames, video, or VR can all be linked and called on demand. In this example, the enlarged still image in FIG. 3D is further linked to another Virtual

Reality data packet that presents the object in 360-degree rotation. Clicking the
"Virtual Reality" button in FIG. 3D, brings the "rotating" Virtual Reality data
packet of the object, with the control buttons at the lower left corner. FIG. 3F
shows the 12 of the standard 36 frames shot from equally spaced angles, 360-
5 degrees around the object. When the number of shots and the speed of
sequentially "flashing in" the still images into the viewing window are
compatible, human eyes perceive that the object rotates on the viewing window.

The invention enables practical and actionable commerce applications of
Virtual Reality and Video casting or streaming technologies on the web, for
10 example, in displaying objects in show rooms, galleries, stores, or stores in malls,
shopping centers, or on main streets in a "real life" format, in addition to the
conventional categorization, search, and listing presentations in the conventional
web stores and galleries. The current invention enables object images to be linked
to additional textual, audio, graphical, video, or VR data stored in the database
15 outside of the Virtual Reality or Video data packet. Clicking on the image of a
sofa in such an "active Virtual Reality" show room of this invention for example,
of an interior furnishing show room, would deposit the links associated with the
image to a temporary file. When the entire VR or Video presentation is viewed,
and the selection of multiple interested objects shown in the VR presentation is
20 completed, the collection of links of the objects selected is submitted to the server
from the client/user computer, to retrieve data addressed by the submitted links,
including but not limited to detailed audio or textual descriptions, additional

graphics or VR presentations, pricing information and ordering/ or buying submission mechanism, sorted and presented by each object at command.

The present invention is implemented using software which can be written in many programming languages, or implemented with many web-page generation tools. The present invention can be used on a global or local computer network, on a personal computer, on viewable storage media such as a CD ROM, on a wireless telephone, on a wireless personal assistant such as a Palm Pilot®, or on any type of wired or wireless device that enables digitally stored information to be viewed on a display device. Also, information displayed and viewed using the present invention can be printed, stored to other storage medium, and electronically mailed to third parties.

Numerous modifications to and alternative embodiments of the present invention will be apparent to those skilled to the art in view of the foregoing description. Accordingly, this description is to be construed as illustrative only and is for the purpose of teaching those skilled in the art the best mode of carrying out the invention. Details of the structure may be varied substantially without departing from the spirit of the invention and the exclusive use of all modifications which come within the scope of the appended claims is reserved.

CLAIMS

What is claimed is:

1. A system for displaying galleries, showrooms, stores and malls on-line, comprising:

5 means for displaying on an on-line display device to a viewer at least one room having at least one object therein, wherein the display is comprised of a data pocket.

10 2. The system according to Claim 1, wherein the room is a gallery.

3. The system according to Claim 1, wherein the room is a showroom.

4. The system according to Claim 1, wherein the room is a store.

15 5. The system according to Claim 1, wherein the room is a mall

6. The system according to Claim 1, wherein the display includes at least one still photograph of a virtual reality shot.

7. The system according to Claim 6, wherein the at least one still
5 photograph is identified by a unique frame address.

8. The system according to Claim 1, wherein the display includes at least one video film.

10 9. The system according to Claim 1, wherein the display includes at least one audio segment.

10. The system according to Claim 6, wherein each object in the data packet is assigned a unique identification indexed by the area each object
15 occupies in the still photograph.

11. The system according to Claim 10, wherein at least one link is assigned to each object, thereby enabling detailed information regarding the object to be retrieved from an external database for presentation to the viewer.

5 12. The system according to Claim 1, wherein selecting a particular object causes a link associated with the object to be selected and stored in a file on a user's computer for viewing by the viewer.

10 13. The system according to Claim 12, wherein a plurality of objects can be sequentially selected by the viewer.

15 14. The system, according to Claim 13, wherein when the viewer completes selecting the plurality of objects, the links for the selected objects are submitted to a server by clicking a submit button, thereby retrieving the data addressed by the selected links from an external database for presentation to the viewer.

15. The system according to Claim 1, wherein the display of the at least one object includes command buttons enabling the viewer to virtually move both around the room and around the at least one object.

16. The system according to Claim 1, wherein if one object appears in a plurality of frames, the object is cut out from each frame, given a unique identification, and assigned a link to an external data storage device that stores data associated with the object.

17. The system according to Claim 16, wherein if the at least one object appears in more than one frame, the object is identified in each frame by the same identifier and assigned the same link.

18. The system according to Claim 1, wherein the on-line display of the at least one object includes audio stories, an enlarged still image, textual descriptions, buy and bid frames, and videos.

19. The system according to Claim 1, wherein the system displays the object in a plurality of different still photographs each taken from equally spaced

angles 360° around the object, thereby enabling the viewer to view the object from 360° around the object and enabling the object to appear to rotate on the display device.

ABSTRACT

A system and method for virtually displaying on-line a gallery, a showroom, a store, a mall or any other room or space and the objects contained in said room or space, wherein the data displayed is comprised of a virtual reality data packet. The system displays still photographs of virtual reality shots and textual materials, and plays virtual reality video clips and audio stories about the room and/or the objects contained therein. Each still photograph of a virtual reality shot and each frame of a video is assigned a unique frame address. Each object in a shot or video is assigned a unique identifier that is indexed and addressed by the area the object occupies in the shot or frame. Links are associated with each object so that detailed information in graphical, video, audio and/or textual forms that are related to the object and are stored external to the virtual reality data packet can be retrieved on demand from an external database for presentation to the viewer. The system also provides on-line controls that enable the viewer to move around the space, and a feature that enables a viewer to view an object from 360° around the object.

AOL.COM

AOL
NetFind

Web
Centers

Try
Now!

Shopping

Community

Download AOL

Good Day
Sunshine?



Markets on the Move: Watch out for active stocks and financial news.

Dog People, Cat People: Save on pet supplies and toys in Shopping.

Daily Essentials

- Top News
- Stocks
- Scores
- Weather
- Comics
- Horoscopes
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My News: Gunmen Open Fire in Colorado H.S. : NATO Reports Atrocities by Serbs

Search the Web Here:

Search!

AOL NetFind

- Web Search
- Yellow Pages
- White Pages
- E-mail Lookup
- Newsgroups
- Kids Only
- Personal Home Page Search

Find long-lost pals with AOL White Pages for all 50 states.

Web Centers

- Autos
- Business & Careers
- Computing - New!
- Entertainment
- Games - New!
- Health & Fitness
- Home & Garden
- International
- Local
- News
- Personal Finance
- Pictures & Albums
- Research & Learn
- Sports
- Travel

Shortcuts

- Try AOL Now!
- Star Wars Quiz
- Maps & Directions
- Travel Bargains
- Buy a New Car
- Buy a Used Car
- Save Money
- Mortgage Calculators
- TV Listings
- Movie Times
- Plan a Night In
- Plan a Night Out
- Crossword
- Research an Illness
- Homework Help
- Look Up a Word
- Research Your Family Tree
- Get Shareware
- Buy a Computer
- Buy Software
- Get a New Job
- Find a Home or Apartment
- Choose a Pet

Shopping

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Cheetah Deals

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3.9% APR!

Classifieds

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- Auctions
- Auto & Classified
- Beauty & Jewelry
- Books & Music
- Computing
- Dept. Stores
- Electronics & Videos
- Flowers, Cards & Candy
- Gifts
- Gourmet & Grocery
- Home & Garden
- Office Products
- Pets, Travel & Outdoors
- Sports & Health
- Toys, Kids & Babies

Community

- AOL Instant Messenger v2.0
- Register now!
- Upgrade
- Join a chat
- Love@AOL - Photo Personals
- Community Directory
- AOL Quick Buddy: Take AIM on the road
- AOL NetMail: Use the Web to get your mail.
- New AIM Mac Beta with More Features

Try AOL Now and get 100 Hours FREE!
For details, install trial software.

[AOL NetFind Home Page](#)

[Web Centers Home Page](#)

[Shortcuts Home Page](#)

[Shopping Home Page](#)

[Community Home Page](#)

AMERICA ONLINE, INC.

002080" 8E2E960

Figure 1A1



Special Offer!
Click Here To Buy

- exercise bikes and treadmills
- new work-out clothes

FEATURING



Netmarket Name
Brands at Warehouse
Prices

FEATURED STORES



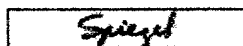
iQVC for online shopping you can trust.



Perfect year-round savings from CyberShop.

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1928-29

Chic Simple

Summer Entertaining

Quick Gifts

[How to Shop](#)
[A-Z Store Listing](#)
[AOL Guarantee](#)

A HOT PICK
at 3.9% APR

MORE STORES



GROUP BY CATEGORY

- Apparel New!
- Auctions & Outlets New!
- Auto & Classifieds
- Beauty & Jewelry
- Books & Music
- Computing Products
- Department Stores
- Electronics & Video
- Flowers & Gifts New!
- Gifts & Collectibles
- Gourmet & Grocery
- Home, Kitchen & Garden
- Kids & Babies New!
- Office Products & Services
- Pets & Travel
- Sports & Outdoors New!

Figure 1A2

AOL.COM Search | Web Centers | Shopping | Community | Download AOL

--- Choose a Category ---

Customer Service Our Guarantee

Shop @ AOL.COM

Apparel

- Boys Teens'
- Girls Teens'
- Lingerie
- Men's
- Women's

FEATURED MERCHANT
eBags

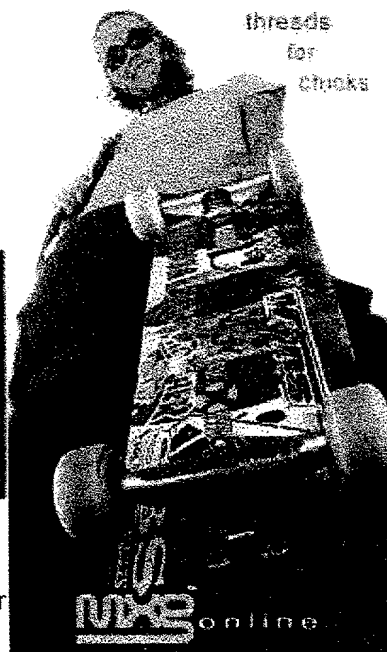


Deals & Steals

Check out the great savings on everything for your wardrobe!

Pardon Our Dust

We're working to bring you a bigger and better shopping experience called Shop@AOL.COM. We will be bringing you more merchants, easier navigation, and a new shopping search. Come visit often to see our updates!



Moon Landing

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Take advantage of **Lands' End** overstocks. Save up to 75% off!



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Chic Simple

Renew your summer wardrobe with help from the experts.



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Keep your child active this summer.



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Take the quiz to find out.

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Figure 1 B

dELiAs*cOm is an online store. If you're under 18 you'll need your parents' permission to order merchandise online.

If you're under 16 you'll also need your parents' permission to submit personal information on the site.

Get permission.
Then wear what you want.



Call

[illegible]

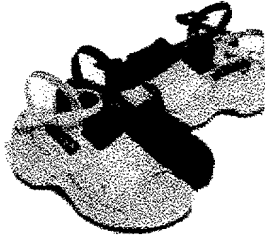
Figure 1C1

dELiAs.com

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- ▼ dressy

Carla Shoes

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Man Ray
Angers, 1930
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Mimmo Paladino
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Untitled, July 23, 1977
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Jane Peterson
Mont St. Michel
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Edward Weston
Oceano, 1936; printed 1970's
Est. \$2,000-3,000 USD

Karl Blossfeldt
Untitled. Gravures from
Urformen... c.1929
Est. \$300-400 USD

Berenice Abbott
Flatiron Building, New York;
1938, printed c.1970's
Est. \$3,500-4,500 USD

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Parkett Editions, New York.
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Maya Polsky Gallery, Chicago.
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Clocks, Tonbridge.
Leslie Sacks Fine Art, Los
Angeles.
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Serge Poliakoff: Catalogue
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Cezanne to Van Gogh: The
Collection of Doctor Gachet
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overview of the original
collection, currently on view at
the Metropolitan Museum of
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Lucio Fontana: Catalogue
Rome A retrospective on the
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Chagall: Lithographs A new
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Sea Change: The Seascape in
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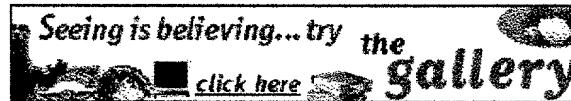
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Figure 1E2


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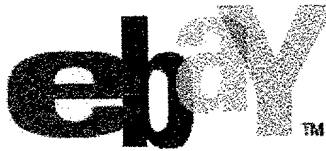
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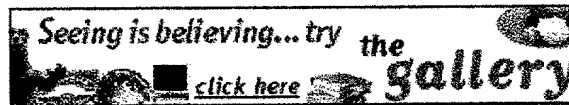
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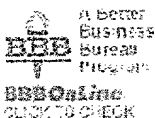
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Figure 1E4

All Items in Furniture

Current Auctions

For more items in this category, click these pages:

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Item	Price	Bids	Ends PDT
<u>MAGNIFICENT EGYPTIAN DINING ENSEMBLE</u>	\$5000.00	-	07/26 16:55
<u>Majorelle Armoire'</u>	\$8000.00	-	07/26 16:51
<u>Old Brass Ornamental Griffin Fireplace Fan</u>	\$9.99	-	07/23 16:51
<u>OLD HAND CRAFTED DOLL'S WARDROBE!!</u>	\$25.00	-	07/23 16:43
<u>MASSIVE CLAWFOOT OAK LAMP TABLE</u>	\$385.00	-	07/23 16:42
<u>OLD HEREKE PERSIAN Oriental Rug NiceRugs</u>	\$400.00	-	07/26 16:30
<u>An Encylopedia of Desks By Mark Bridge 1988</u>	\$9.50	-	07/23 16:29
<u>VICTORIAN EBONIZED/GILT INCISED SEWING BENCH</u>	\$29.99	-	07/21 16:29
<u>Furniture Refinishing: The Furniture Doctor</u>	\$5.00	-	07/23 15:58
<u>Mahogany Round Tea Table</u>	\$140.00	-	07/23 15:41
<u>French Style Desk</u>	\$290.00	-	07/26 15:32
<u>Armoire</u>	\$1500.00	-	07/26 15:30
<u>1860'S MAHOGANY CHEST OF DRAWS</u>	\$100.00	-	07/23 15:29
<u>*19thC. MAHOGANY FLAMBE 1 DRAWER STAND/TABLE*</u>	\$49.99	-	07/21 15:26
<u>Duncan Phyfe Pair of Lyre Mahogany Drum Table</u>	\$295.00	-	07/23 15:24
<u>Louis XVI Mahogany Bedroom Suit Antique</u>	\$595.00	-	07/23 15:10
<u>Officer's Folding Canopied Bed 1850's NICE</u>	\$250.00	-	07/26 15:08
<u>Glass Floor Protectors for Furniture</u>	\$3.00	-	07/23 15:03
<u>Antique Oak Office Chair</u>	\$25.00	-	07/26 15:02
<u>Old Old Victorian Stand with engravings NEAT</u>	\$20.00	-	07/19 14:58
<u>Duncan Phyfe Mahogany Antique Sofa</u>	\$295.00	-	07/23 14:56
<u>STUNNING FRENCH ARMOIRE</u>	\$99.99	-	07/23 14:52
<u>Duncan Phyfe Mahogany Living Room Suit</u>	\$295.00	-	07/23 14:48
<u>Oak Rolltop Desk</u>	\$900.00	-	07/26 14:47
<u>* Leather Couches * tan double pillow</u>	\$100.00	-	07/26 14:47
<u>Duncan Phyfe Mahogany Dining Table Antique</u>	\$100.00	-	07/23 14:36
<u>Duncan Phyfe Mahogany Barrel Chair Antique</u>	\$75.00	-	07/23 14:33



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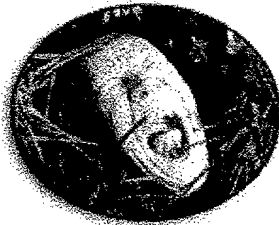


Historical European Reproductions for Home & Garden

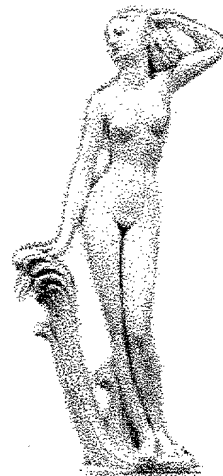
Welcome Fellow Europhile.

In a European summer, the ripe ambiance of indoor living is brought outdoors and vice versa. This time of year, when your garden is at its peak, be sure to set it off with Toscano's exquisite pieces that add just the right touch to any outdoor living. So - even if it's only in your imagination - follow the European lead and take a month-long holiday of the spirit. Enjoy the fruits of all your labors by welcoming the beauty of Toscano into your home and garden. We'll be doing the same...

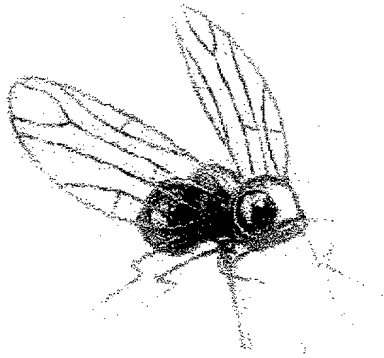
FEATURING THIS MONTH:



Screaming Simon is letting it all out! You'll recognize it right away - the expression that says you've had enough!!!



Mademoiselle Modele's lithesome silhouette presents a vision of beauty.



These high-style artisan crafted *Mosquitoes* are the latest buzz in garden art.

The Murabella: The "Beautiful Wall" Fountain. The crowning touch to an entryway or courtyard.



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Figure 1F



Virtual Tour

Master Bedroom



Virtual Tour

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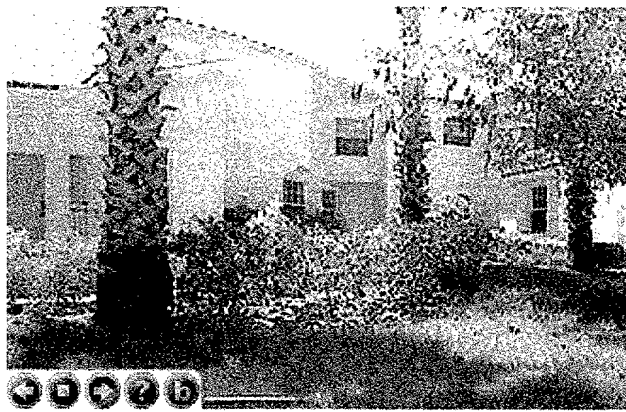
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Figure 2A

**Exterior Front****Virtual Tour**[Exterior Front](#)[Kitchen / Dining Room](#)[Dining Room / Family Room](#)[Master Bedroom](#)

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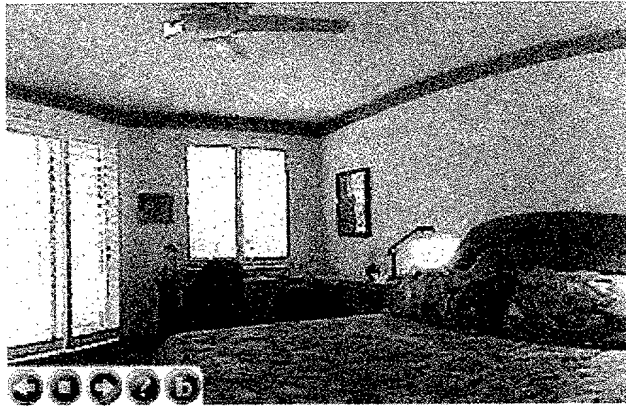
002020" 3E2FE950

Figure 2B

bamboo.com

Virtual Tour

Master Bedroom



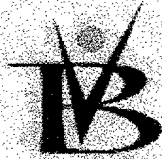
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Figure 2C

The Portal to Good Living



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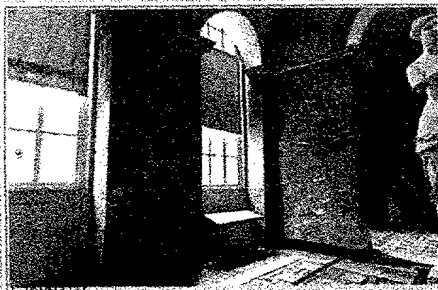


Figure A

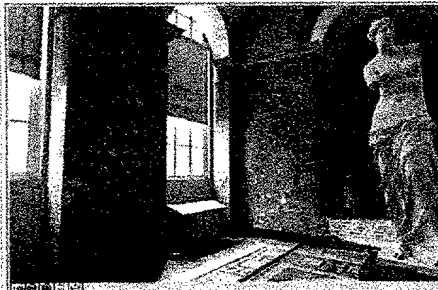


Figure B



Figure C



Figure D



Figure E



Figure F



Figure G

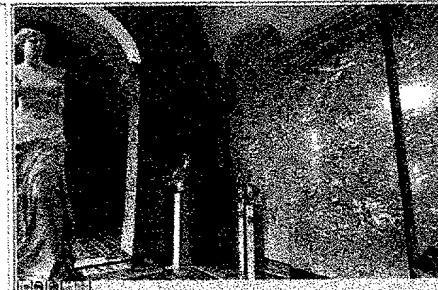


Figure H



Figure I

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Figure 3B

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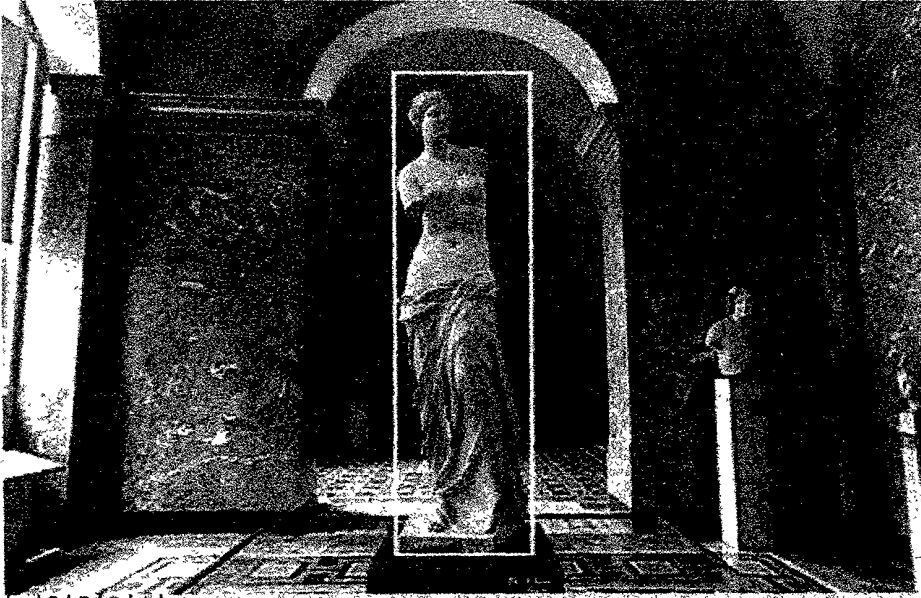


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Venus of Milo

Ancient statue of Aphrodite, now in Paris at the Louvre; carved by a sculptor of Antioch on the Maeander River in 150 BC, it was found on Melos in 1820. The general composition derives from a 4th-century Corinthian statue. The action and modernized drapery give the Venus great nobility. The statue is a conspicuous example of the Hellenistic sculptural tradition's academic traits and close reliance on older masterpieces.

Replica	3 ft	5 ft	6 ft
Indoor/Outdoor Rasin Price	\$500	\$1,000	\$1,500

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Figure A



Figure B



Figure C



Figure D



Figure E



Figure F



Figure G



Figure H



Figure I

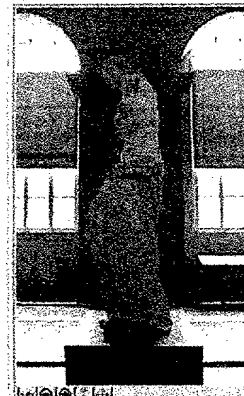


Figure J



Figure K



Figure L

Figure 3F

SYSTEM METHOD AND APPARATUS FOR CONSTRUCTING AND
DISPLAYING ACTIVE VIRTUAL REALITY CYBER MALLS, SHOW ROOMS,
GALLERIES, STORES, MUSEUMS, AND OBJECTS WITHIN

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled System and Method for Constructing and Displaying Active Virtual Reality Cyber Malls, Show Rooms, Galleries, Stores, Museums, and Objects Within the specification of which is attached hereto and claims the benefit of the August 6, 1999 filing date of Provisional U.S. Patent Application Serial No. 60/147,716.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclosure information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certification having a filing date before that of the application on which priority is claimed:

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I hereby claim the benefit under Title 35, United States Code, Section 1.20 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 1.12, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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And I hereby appoint: Jean-Marc Zimmerman (Reg. No. 36,978), whose address is 226 St. Paul Street, Westfield, New Jersey 07090 and whose telephone number is (908) 654-8000, my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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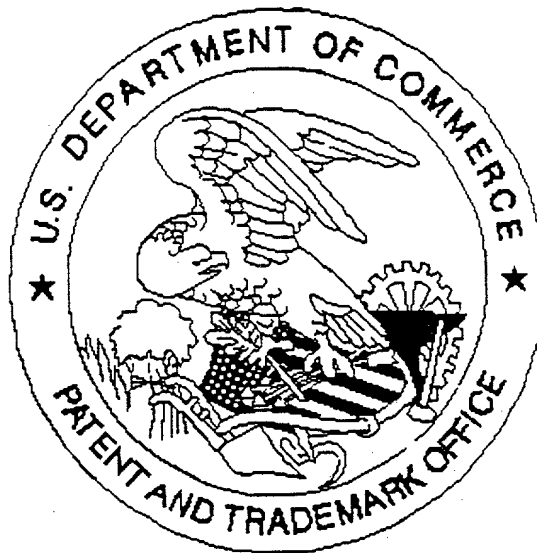
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